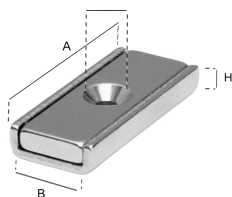


REINFORCED BLOCKS WITH COUNTERSUNK HOLES



SM80 with **ONE** or **TWO countersunk holes** have been designed to increase both the force and the sturdiness of simple blocks with countersunk hole.

The magnet is encapsulated in a **steel base**, which amplifies the magnetic field by focusing it on the free surface of the magnet. This allows these products to generate a much greater adhesive force than simple neodymium magnets.

The countersunk hole makes it quick and easy to attach the magnet with screws, without having to use glue or other adhesives. This product is available with one or two holes, in order to fit in all types of spaces.

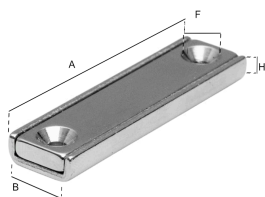
These characteristics mean that they are widely used in many sectors: **furniture industry, mechanical engineering, thermoplastic molding, industrial equipment, mechanical processing, component lifting**, etc.

Contact us to get quick feedback on prices, availability and customized products.

You can view and download the technical drawings of each product by clicking on the respective code, highlighted in [blue](#).

All measures are in millimeters (mm).

CODE	A	B	H	F	STRENGTH KG
SM80.35NI00.15154F 4.5	15	15	4	4,5	6,00
SM80.35NI00.2013.5 5M31	20	13,5	5	3,2	11,50
SM80.35NI00.20204F 4	20	20	4	4,5	11,00
SM80.35NI00.3013.5 5M31	30	13,5	4	3,2	19,00



CODE	A	B	H	F	STRENGTH KG
SM80.35NI00.4013.5 5M32	40	13,5	5	3,2	24,00
SM80.35NI00.40204F 4.5	40	20	4	4,5	22,00
SM80.35NI00.5013.5 5M32	50	13,5	5	3,2	30,00
SM80.35NI00.6013.5 5M32	60	13,5	5	3,2	30,00
SM80.35NI00.60204F 4.5	60	20	4	4,5	30,00

SM80.35NI00.8013.5 5M32	80	13,5	5	3,2	43,00
SM80.35NI00.80204F 4.5	80	20	4	4,5	33,00
SM80.35NI00.10013. 55M32	100	13,5	5	3,2	50,00

The maximum standard operating temperature is 80 °C.

On request, we can supply magnets capable of operating at higher temperatures, as indicated in the [Materials Table](#).

Many of these sizes are also available in other variants, with different coatings and degrees of magnetization.

The force values given in the tables are the result of dynamometric tests performed with a 10 mm thick iron plate.

Any variations from this standard in the use may change the actual performance of the magnet.

It is always recommended to perform specific tests according to your application.